



## Early Journal Content on JSTOR, Free to Anyone in the World

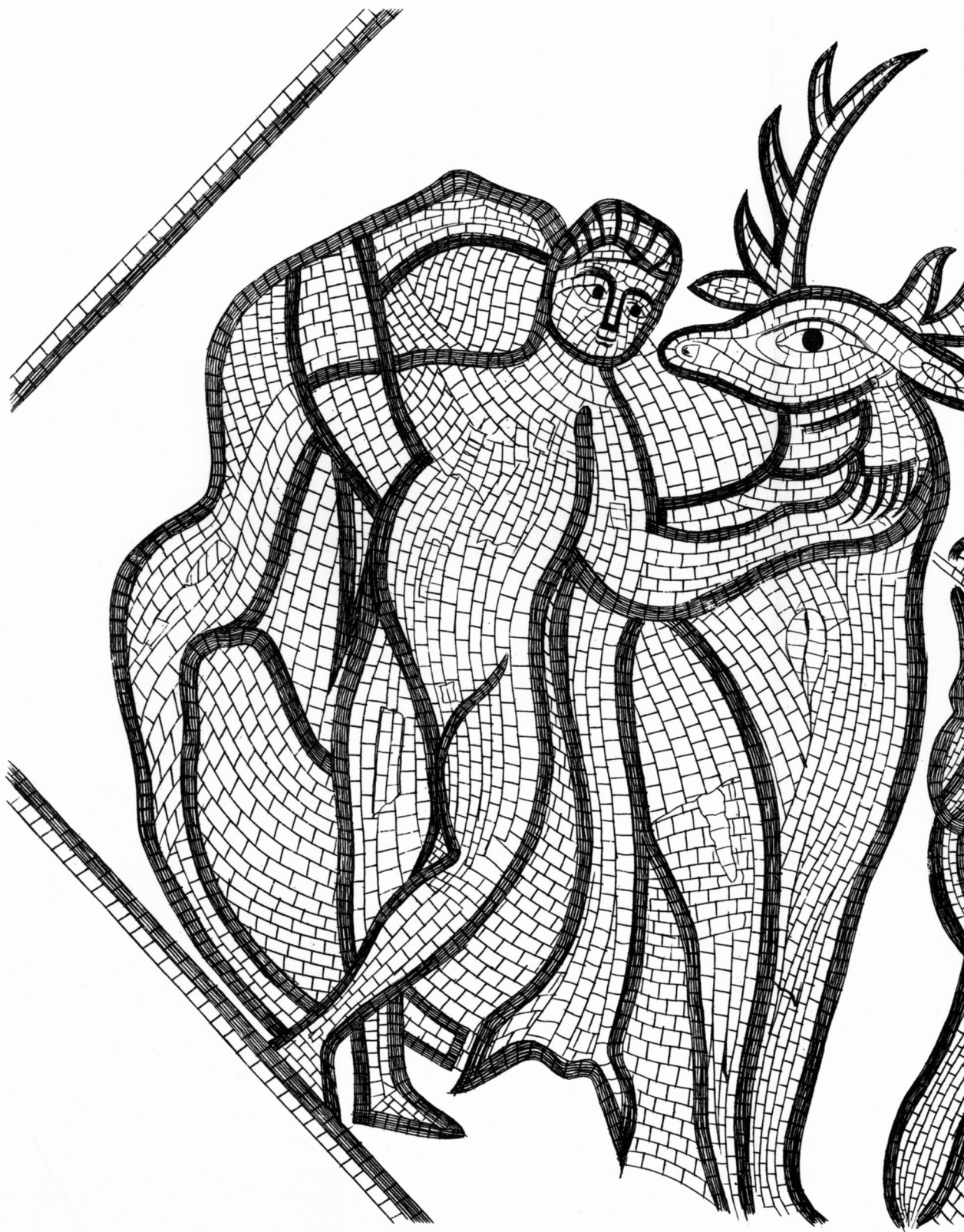
This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).





Sed jam *Editores*, sicut æquum est, cum bonâ gratiâ dimittamus : hanc enim eorum humanitatem libenter agnosco, quòd principia, quibus usus sum, modò vera fuerint, me satis aptè atq; appositè ad rem meam accommodasse etiam, non inficiando confiteri videantur.

---

IX. *An Account of a Book, entituled, Gazophylacii Naturæ & Artis. Vol. I. In V. Decadibus. In quo Animalia, viz. Quadrupeda, Aves, Pisces, Reptilia, Insecta, Vegetabilia; item Fossilia, corpora Marina & Stirpes Minerales è Terrâ eruta, Lapides figurâ insignes, &c. Descriptionibus brevibus & Iconibus illustrantur. A Jacobo Petiver, Pharmacop. Londin. & Reg. Societ. Soc.*

**T**HIS Volume which the *Curious Author* has now finish'd, contains 50 *Tables* of the *Figures* of divers rare *Beasts, Birds, Fishes, Serpents*, and other *Reptiles*; as also several *Rare Insects, Shells, Plants* and *Fossils*, many of which he has obtained from the *Cabinets* of divers *Curious Persons*, and procured others with no small Expence from all *Parts of the World*, as the following Account will testify.

An *Abstract* of the *first Decade* has already been given in these *Transactions* No. 284; the *second* in the *Memoirs* for the *Curious* for the Month of *December* 1707; and the *third* in the same *Memoirs* in *July* 1709. We now proceed to the *fourth* and *fifth*.

The first *Figure* in this *Table* presents you with a large *Bill* of a *Helmet-headed Philippine Bird*, called *Calao* : Its *Description*, *Nature*, &c. may be seen in these *Philosoph. Transact.* No. 285. p. 1394. 17. and in *Table* 28 foregoing, is an entire *Bird* of this kind, there figured. *Fig. 8* and *12.* are two very beautiful *Sponge-Coralls* from the same *Islands*. *Fig. 6* and *11.* are two *Plants* from *Madraspatan*, or *Fort St George*. *Fig. 9.* A remarkable *Shell* called *Pectunculus Venerens* from those *Parts*. The rest are divers small *Insects* and *Shells* of our own *Island*, and not common.

TAB.  
XXXI.

*Fig. 1.* Represents a very curious sort of *Sea-Feather*, from the *Philippine Isles*, doubly netted with black *Threads*. 3. Another *Submarine* from the same *Shoars*: compos'd of many tangle-netted *Filaments* in a *Globular Ball* ; both these sent to the *Author*, from the Learned *Father George Joseph Kamel*. *Fig. 2* and *9.* are *Luzone Shells*, the last a *Bivalve* called *Ducks bill* from its *Shape*. You have a particular *Accounts* of it in these *Transact.* No. p. 2402. 33. *Fig. 10, 11* and *12.* are 3 rare *Plants* which the Curious *Dr. Edward Buckley* collected about *Fort St. George*. *Fig. 5* and *8.* are two new *Kinds* of *Exotick Insects*, between a *Moth* and *Butterfly* ; some part of their *Wings*, and commonly that near the middle, are transparent ; the *Horns* of the first end crooked, the other thick and strait : Both these from *Carolina*, where there are divers kinds of them. *Fig. 4, 6* and *8.* are *English Insects*.

TAB.  
XXXII.

This *Table* begins with a very odd sort of *Lentil* from *Madraspatan*, with spotted round *Leaves*. *Fig. 4.* is a large sort of *Tea*, with red *Flowers* as big as a *Rose* ; in *China*, from whence it comes, they call it *Swa Tea*. vid. *Atf. Phil.* No. 246. p. 396. *Fig. 8.* An elegant sort of *Androsace* from *Chusan*. *Fig. 3, 5, 9,* and *11.* are *American Insects* from *Carolina, Maryland,* and *Virginia*. *Fig. 7.* A *Moth* from *Guiney* ; its body girdled with *Gold, Silver, Black,* and changeable, so beautiful I never yet from

TAB.  
XXXIII.

from that part have seen its like. *Fig. 10* and *12.* are two varieties of very curious *English* Moths, which for their Beauty and Spots are call'd *Royal Leopards.*

TAB.  
XXXIV. The 3d Icon in this *Table* gives you the Figure of the famous *China Tallow Tree*, of which *Father le Compte*, p. 101. gives the Description, in his *History* of those Parts: Here you see it both in *Flower* and *Fruit.* The 1st and 2d are two *Cape Plants.* *Fig. 10.* is a strange Fruit found on the Shoars of the *Orkney Isles*, and is the same with another the Author received from the *Philippines*; but the Plant that produces it is not yet known. *Fig. 11.* An odd sort of *Agnus Castus*, with round hoary Leaves, from *Chusan* and the *Crocodile Isles.* To these are added 3 *English Butterflies*, and as many *Sea Nerit Shells.*

TAB.  
XXXV. The four first are the *Figures* of as many small *English* (and for the most part blueish) oculated *Butterflies.* *Fig. 6, 8, 9,* and *10.* are also *Native Shells* and *Fossils.* *Fig. 5.* gives you one of the largest kind of *Curculio* or *Pipe-Beetles* yet seen, from the Bay of *Bengal.* *Fig. 7* and *11.* are two Trees from the Island *Cheuxan*, or *Chusan*, communicated to the Author by that Worthy Physician, and Curious Collector of all Rarities, Dr. *Hans Sloane*, Secretary to the *Royal Society.* The last in this *Table* is a rare sort of *Sea Plant*, which *Father Kamel*, that Sagacious and Learned Naturalist, sent the Author from the *Philippine Isles.*

TAB.  
XXXVI. The bulk of this *Plate* is taken up with the *Figures* of 3 or 4 *Chusan Plants*, the last of which, No. 8. is a very elegant kind of *Fagara* with welted Stalks. This Industrious Author has also discover'd several other sorts of this rare and Medicinal Plant from those Parts. *Fig 4.* represents a very strange serrated Bone, somewhat resembling the *Pristis* five *Serra Clusij*, and is supposed to belong to some Fish. *Fig. 3, 4, 5, 6, 9,* and *10,* are *English Insects*, the last very rare and of a peculiar

liar Species. The last is a flat round stellated *Echinus*, found on the Coasts of *China* by that Curious Naturalist and Surgeon Mr. *James Cunningham*.

The largest Figure in this Table, is the true *Turmeric* of the *Shopp*s, which is here very neatly delineated from a design of *Father Kamel*, who (contrary to the Opinion of *Matthioli*, *Cordus*, and even some later Writers) says, that the *Long* and *Round rooted* are the same Plant, viz. the *last* is the Parent or tuberous Glards, and the *Long* its Branches or Off-springs: The sundry *Names* and *Vertues* are largely described by him in the *Appendix* to Mr. *Ray*'s 3d Volume, p. 23. Fig. 4 gives you a large *Broom-rape* with a purple Flower, found wild in the sandy Places of *Barbary*, where its call'd by the Inhabitants there *Danoon*: And in the last place you have the Figure of the *Broom* itself, to which it grows: Its call'd in their *Arabick* Language *Rorum*: It bears a whitish Flower, and probably is the same which the *Spaniards* call *Retama*. The smaller Figures are of divers *East-India Insects*, chiefly from *Luzone*, with some *Fruits* from thence, and one from *Guiney*.

TAB.  
XXXVII

The beginning of this Table continues the *Figures* of other *Fruits* from *Guiney*, *Jamaica*, and *Luzone*, with 3 rare *Beetles* and a *Butterfly* from the last Place. The rest are several *Plants* observ'd in *Barbary*, and delineated there by Mr. *John James*, a Surgeon, about A. D. 1680. where he had been a *Captive* near 20 Years, and in that time had made several Remarks on the *Plants* of those Parts, and has design'd the chief of them; a *Manuscript* of which, with his Observations on them, Mr. *James Petiver*, the Author, has still by him. Fig. 7. is a *wild Oat* from thence, which the *Moors* call *Khortan*; it is ripe in *May*. Fig. 8. *Mitinium*, which signifies *strong*, is a Plant with a yellow Flower, and Leaves like *Tyme*; of its *Bark* they make *Cords* and *Ropes*, as we do of *Hemp*. Fig. 9. is a yellow pentapetalous Flower, with

TAB.  
XXXVIII.

small serrated Leaves. The last has a carneous or reddish Flower, and seems a sort of *Carline Thistle*; the Natives call it *Tickuntoos*; it Flowers in April: The Roots are of a very hot taste, and by them much used in Powder to warm cold Stomachs.

TAB.  
XXXIX.

Fig. 1. Represents a small *Berry-bearing Barbary Plant*, which grows on Rocky Mountains, and is called by the *Moors*, Fox-grapes. Fig. 3. gives you another, call'd there *Lomon*. Fig. 2. is a Curious *Flying Lizard*, or *Flying Dragon*, sent delineated to the Author from Father *Kamel*. Fig. 8. is a red warty *Mushroom* from *Barbary*, with a bloody Juice; it is called by the *Natives* there *Turtooths Bargasham*, and grows a foot high. Fig. 9. is an odd sort of *thorny Locust*, or *Grasshopper*, brought by Mr *James Cunningham* from *Chusan*. The rest are some rare *Fruits*, and *Butterflies* with their *Catterpillars*, and particularly a very strange hairy one with a Pea like *Coffin*, which is not usual.

TAB.  
XXXX.

The 5 following are uncommon *Barbary Plants*, viz. Fig. 1. A sort of naked-flower'd, or *bald Dasse*, with Leafy Stalks; its call'd there *Tusolka*, and Flowers in *March*. Fig. 2. is a woody stalk'd Plant full of *Flowers*. Fig. 5. A *Dasse-flower'd* Plant with small nocht Leaves. Fig. 8. Seems a sort of *Aloes* with smooth frosty Leaves. Fig. 10. is a low Plant with a blue Flower and yellow bottom, flowering in *May*. Fig. 9. is a beautiful *Iguana*, or large edible *Lizard*, with a blue Head: You see a Description of it, which *Father Kamel* sent the Author, in the *Philosoph. Transact.* No. 318. Fig. 3. is a *Moth* from *Bengal*, with part of its Wings transparent; and the next is a *Butterfly* from *Madraspatan*, finely marked and spotted. Fig. 6 and 7. are two very odd Insects from *Luzone*. Fig. 11, 12 and 13. are the *Moth*, *Catterpillar*, and *Coffin*, feeding upon a large sort of *Philippine Arum* call'd *Biga*. Fig. 14. shews you the Fruit of the true *Oriental Anacardium*, so rarely met with in the  
Druggists



*Druggists Shops.* The *Author* has lately discovered the *Tree* from whence it comes, and has got *Branches* of its *Leaves* and *Flowers*, which he promises to *Figure*.

This *Decade* and *Table* begins with divers *Luzone Insects*. The first is a sort of *Bugg*, curiously coloured with green, yellow, white, black, and red; this feeds on the *Lupine-leaved Malabar Crotolaria*, or *Rattle-broom*. The next is a pale green shining *Dor*, or *Comb-chaffer*, from its *Horns* when expanded resembling a *Comb*. Fig. 3. is a very elegant sort of *Cochineal*; its *Sheaths* being alternately streak'd with a changeable green and copper lustre. Fig. 5. is an odd sort of *Insect* with 3 sharp *Horns*; its *Head* and *Body* black, the last mixt with white; it hath a dancing flight like our *Gnats*. Fig. 6. a *Bugg* wholly green, suppos'd to change from Fig. 1. The true *Anomum* is here accurately *Figured* at No. 8. A large and very exact *Description* of this, and its many *Vertues*, may be seen in the *Dendrology* of Mr *Ray's* 3d Volume, p. 89. as also in the *Act. Philosoph.* No. 248. p. 2. Fig. 4. 7. 9. and 12. are uncommon *Barbary Plants*, taken from the *Designs* of the *Manuscript Herbal*, mentioned in the 38th *Table*, which was presented to the *Author* by Mr. *John Thorpe*, Apothecary. Fig. 10 and 11. are two *Moths* caught in the *Bay of Bengal*, by Mr. *Henry Smyth*, who made a *Present* of them and divers others, which he had collected in those *Parts*, to Mr. *James Petiver*.

TAB.  
XLI.

The first *Figure* is of a *Wood* from *India*, which the *Portugueze* call *Pao de Cobra*, i. e. *Lignum Colubrinum*, or *Snake-wood*. The *Bark* is much bitterer than the *Wood*, which resembles that of *Tamarisk*. Fig. 2. 3. and 5. are *Luzone Beetles*, taken from *Father Kamel's Designs*. Fig. 6. 9. 10. and 11, &c. are several uncommon *English Insects*. Fig. 7. is a *Plant* with a *Jasmin Flower*, whose *Leaves* taste and smell like *Worm-wood*; it grows on the

TAB.  
XLII.

Sea-Coasts of the *Philippine Isles*; from whence also come the several odd *Fruits*, figured at 4. 8. 10. and 14. The last but one is a large long *Nutt-meg*, with its *Mace* on it, found wild on the *Mountain Balete*.

TAB.  
XLIII.

*Fig. 1.* Is a round, pointed, umbilicated Leaf of a *Luzone Tree* call'd *Balanti*, whose *Root* they commend in Fluxes. The next is another *Tree* with a large *Plane* or *Maple Leaf*, the *Wood* of which is very brittle. *Fig. 3.* 4. 5. and the two last, are divers *Philippine Insects*. *Fig. 6* and *13.* are two *Squills*, a greater and less, from the same Coasts. *Fig. 7, &c.* is the *Leaf, Flower* and *Fruit* of a great shady *Tree* called the *Black Zapotl*; the pulp of the Apple is black, and tastes like a *Plumb*; but before it is ripe, it pricks the Mouth like the *Roots* of our *Arum* or *Wake Robin*. The *Brittle-tree* at *Fig. 11.* has an angular *Maple Leaf* with a stellated *Flower* and small *Berry*. *Fig. 12.* a very rare *Bird* remarkable for its two eared tufts on the Head, and ruff about its Neck. This Mr *Ray* calls *Colymbus cristatus*, the *Crested Ioon*, or *Diver*, but its *Head* is not there so well express'd as in the *Author's Figure*, who has the *Bird* it self caught in *England*, tho' very rare.

TAB.  
XLIV.

The 6 first *Figures* are of divers sorts of *Scarlet Pease*, called *Anacock* and *Abrus*, from *Guiney* and both the *Indies*. The other Remarkables are a large *Saw-bill'd Bird* from *Surinam*, called *Toucan*, finely mark'd with black, white, yellow and red. *Fig. 12.* is a rare sort of *Remora*, or *Stop-Ship*, with a very taper Body. See its Description in the *Act. Philosoph.* No. 302, 24. *Fig. 10* and *11.* are two *Philippine Plants*; the first a sort of *Visco-Alog*, or *Flowring Misseloe*; the other the *Carandas* of *Garcias*, according to the Opinion of *Father Kamel*; its *Fruit* is of a pleasant roughish Sweetness, and full of small Grains.

TAB.  
XLV.

In the middle of this Plate is delineated a very strange Centaur-like *Monster*, born in the *Philippine Islands*;

*stands*; an Account of which *Father Kamel* has given in the *Act. Phil.* No. 307. *Fig. 1* and *2.* are the *Leaf* and *Wood* of a *Tree*; which last and its *Root* are both *Alexipharmick* and *Traumatick*. *Fig. 3.* is a sort of *Rock* or *Tree-Oyster*, call'd by some a *Hammer-Shell* from its Shape. *Fig. 5, 6* and *13.* are three rare *Moths*; the first and last *Engliss*, and to be seen only in the *Cabinets* of the *Curious*, viz. *Dr. Sloane*, *Mr. Dan ridge*, &c. The other a very elegant one from *Chusan*, white, with scarlet Spots and edges. *Fig. 7* and *8.* is the rugged *Nutt* and *Kernel* of a strange *Tree*, call'd in the *Philippines* *Hohom*. *Fig. 9, 10,* and *11.* are the *Fruit*, &c. of the *Scarlet Zapotl*, which the *Chinese* call *Xi-cu*. These they dry in the Sun like *Figs*, and eat them in their *Deserts* steep'd in *Wine*, and sprinkled with *Sugar* and *Cinamon*. *Fig. 12.* seems to be an impression of an *Entrochus* on a sort of *Iron Stone*. This *Dr. Chr. Max. Spener*, *Physitian* to the *King of Prussia*, and Fellow both of the *Imperial* and *Brandenburg Colleges*, sent the *Author*, amongst many other *Curious Fossils*. vid. *Act. Philosoph.* No. 302.

In this *Table* are great variety of divers *Curiosities*. *Fig. 1.* is a particoloured *American Serpent*, girded with white and black, and spotted with the last. *2.* is the *Vanilia*, as it grows. *3.* Its beautiful *Flower* in full bigness; and *4* is its ripe *Pod*. By thus seeing this profitable, and rare *Plant* in its different States, it may be the easier discovered in the *South-Sea*, and other Places, as it has lately been in *Jamaica*. *5.* is a sort of *Long-Pepper*, call'd in *New Spain*, *Mecaxochitl*. This they mix with their *Chocolate*, to give it a more pleasant taste, and to correct the Breath. *6.* Another sort, supposed for the same use, found in the *Spanish West-India Ships* that were burnt at *Vigo*. *7.* A particular *Unicorn Shell* from *Nevis*, with alternate hollows on its twirls. *8.* A very strange *Tree* from *New Spain*, with a *Tulip-Flower*, and like

TAB.  
XLVI.

like a *Birds foot* growing out of it. 9. is a Sprig of the *Cortex Peru*, or *Jesuits Bark*, as figured by Monsieur *Pomet*. Here the Author promises a *Guinea* to the first Person that brings or sends him a fair Specimen or Branch of its Leaves, with Flower and Fruit on it, which, 'tis now hop'd, the *South-Sea Trade* may easily discover and bring over. Fig 12. and 13. are 2 very beautiful *Surinam Birds*, copied from the Paintings of that great *Naturalist* and *Artist* Madam *Sybilla Merian*. The rest are *West India Insects*, and a curious Piece of *Fossil* flat *Echinus* from *Carolina*.

TAB.  
XLVIII.

This Table begins with a very large *Capricorn Beetle*, accurately figur'd from a design which *F. Kamel* sent from *Luzone*, with the Insect itself very curiously preserved, to the Author Mr. *Petiver*, which he has still by him: As also the Head of another strange one, which they call *Ololo*, and comes next to our *Corvus volans*, or *Flying Buckbeetle*. Fig. 8. is a particular sort of creeping *Osmund* or *Flowering Fern*, with small *Fumitory* Leaves, with two others of less Note. Here is also figured from the same hand a neat *Rhombus*, spotted with black and white, call'd therefore by some the *Leopard Shell*. To these the Author has added 4 *English Insects* of a new genus, approaching next to the *Locusta* or *Grashoppers*, but differ in their shape, and are in bulk much less; these he calls *Ranatrae*, or *Froghoppers* from their form and motion. Fig. 12 and 13. are the different Positions of a wonderful *Fossil*, call'd by *Wormius* and others, *Lapis Hysserolithos*. Those Dr. *G. Kifner*, a Curious Physician at *Frankfort*, sent to the Author, who found them in the *Vineyards* of *Lobenstein*; he has also received them from *D. Heigel*, with the Figures of divers other sorts, which he designs to publish.

TAB.  
XLVII.

Fig. 1. is a scarlet *Mushroom*, which grows to a Tree call'd in *Luzone* *Molavin*, whose *Wood* is famed for its extraordinary hardness. Fig. 2, 3. and 4. is a red *Cam-lady*

lady from the same place, with its changes, viz. Catterpillar and Coffin. Fig. 6, 7, and 8. another somewhat bigger, of a Golden lustre, with its Mutations. 5. is also a smooth green *Cantharus* or long Beetle; with 9. a house Cock-roach, very like ours, which the Natives there give inwardly to kill Worms in Children; they drink also their Ashes, bruised and mixt with Sugar: They lay them to Ulcers and Cancers to suppurate. Fig. 11 and 12. are *Philippine Plants*; the first a *Fern*; the other, tho' rank'd amongst them, is supposed to be a *Scandent* bacciferous Herb. 13. is a fine rib'd *Indian Shell*, call'd there *Binga*. The two next from *Pulo Condore*; one a small black Warty *Welk*, the other a pretty marbled *Cockle*. The Author has lately found fig. 16. to be a Native of *Jamaica*, from whence it was brought, with divers others by Mr. Carter, Surgeon, a Person Curious in collecting Shells, &c.

TAB.  
XLIX.

The 3 first are the remaining *Ranatra*, or *Froghoppers*, of Tab. 47. which the Curious Mr. Dandridge and the Author had observed. Fig. 4 and 5 are broad leaved *Luzone Ferns*; the one notch'd, the other plain. Fig. 6. is an *American* foraminous sandy *Sponge*, presented to the Author by Dr. Lewis, M. D. The two next are *Luzone Beetles*; the last very large and fair, with 2 *Horns* like an *Oxe*, and a shorter in the middle, with one much bigger from the lower Jaw, which turns up like the Trunk of an *Elephant*. Fig. 12. A sort of bacciferous *Dodder*, which climbs about Shrubs, and frequently the *Agnus Castus*: it bears a small tripetalous, or three-laved Flower in *April*. The last is a very particular and rare *Scallop*; for, contrary to all others, it is smooth on the outside, and the Valves within only striated. This the Curious Mr. Cunningham observ'd, with several others, on the Shoars of *Pulo Condore*.

TAB. L

The 4 first Figures are *Luzone Spiders*, very exactly delineated. Fig. 1. A long Web-spinning house Spider. 2. A harmless *Tarantula*, its body of a *Filbert* size, and brown: Here is also shewn a flattish round *silken Egg-bag*, which

which he carries under his Belly, and out of it was produced 1000 young ones. 3. A web-spinning *Spider*, with Silver, yellow and black girdles, with its white, flat, Silk Bag, in which *Fatner Kamel* believes there were 2000 Eggs. Fig. 4. Another long-leg'd one, with a marbled Body. 5. A green *Beetle*, very finely mark'd, which Mr. *Cunningham* brought from *Chusan*, and is one of the most beautiful of its kind from those Parts. 6. 7. 8 and 9. are small *English Pipers*, or long-snouted *Beetles*; the two last of Mr. *Dandridge's* discovering, and not common. 10 and 11 are *Bug-flies* observed in the Woods about *Hampsted Heath*. 12. an *Indian Flowring Fern*, with an *Arum-like* Leaf; the Seed-leaves higher and more erect than the rest, standing on longer root-stalkes than the green ones next the Root. They use this Plant instead of the *Spleenwort* of the *Shops*. 13. is a sort of *Dipping Shell*, very common on the Shoars of *Jamaica* and *Barbadoes*. The last is very like our *English Hedge Snail*, but without Girdles, and has a small Navel: This is often met with in our *Gardens*, and sometimes in *Hedges*.

N. B. The *Second Volume*, containing 50 more *Tables*, is just now finish'd, in which there are many other things no less Curious or Strange than the former; and are ready to be delivered as soon as Ten more *Subscribers* shall send a *Guinea* each to the Author Mr. *James Petiver*, or Mr. *Christopher Bateman*, Bookseller in *Paternoster Row*, where the *First Volume* may be had, and the *second* as soon as subscribed for.

L O N D O N: Printed for H. Clements at the Half Moon, and W. Innes at the Princes-Armes, in St Pauls Church-yard; and D. Brown without Temple-Bar.